



\$ 2827

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/720,953	
	Filing Date	February 13, 2001	
	First Named Inventor	Tsukada et al.	
	Art Unit	2827	
	Examiner Name	Jeremy C. Norris	
Total Number of Pages in This Submission	12	Attorney Docket Number	232.001

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Mathew E. Corr Boyle Fredrickson Newholm Stein & Gratz, S.C.
Signature	<i>Mathew E. Corr</i>
Date	June 4, 2003

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>June 4, 2003</u>	
Typed or printed	Lisa J. Ehaney
Signature	<i>Lisa J. Ehaney</i>
Date	6-4-03

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<b>FEE TRANSMITTAL</b> <b>for FY 2003</b> <small>Effective 01/01/2003. Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>	
		Application Number	09/720,953
		Filing Date	February 13, 2001
		First Named Inventor	Tsukada et al.
		Examiner Name	Jeremy C. Norris
<input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27		Group Art Unit	2827
<b>TOTAL AMOUNT OF PAYMENT</b>		Attorney Docket No.	232.001
(\$) <b>110.00</b>			

<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		<b>3. ADDITIONAL FEES</b>			
<input type="checkbox"/> Deposit Account		<b>Large Entity</b>		<b>Small Entity</b>	
Deposit Account Number 50-1170		Fee Code	Fee (\$)	Fee Code	Fee (\$)
Deposit Account Name Boyle Fredrickson Newholm Stein & Gratz S.C.		105	130	205	65
The Commissioner is authorized to: (check all that apply)		Fee Description			
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		Surcharge - late filing fee or oath			
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application		127	50	227	25
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		Surcharge - late provisional filing fee or cover sheet			
to the above-identified deposit account.		139	130	139	130
		Non-English specification			
		147	2,520	147	2,520
		For filing a request for <i>ex parte</i> reexamination			
		112	920*	112	920*
		Requesting publication of SIR prior to Examiner action			
		113	1,840*	113	1,840*
		Requesting publication of SIR after Examiner action			
		115	110	215	55
		Extension for reply within first month			
		116	410	216	205
		Extension for reply within second month			
		117	930	217	465
		Extension for reply within third month			
		118	1,450	218	725
		Extension for reply within fourth month			
		128	1,970	228	985
		Extension for reply within fifth month			
		119	320	219	160
		Notice of Appeal			
		120	320	220	160
		Filing a brief in support of an appeal			
		121	280	221	140
		Request for oral hearing			
		138	1,510	138	1,510
		Petition to institute a public use proceeding			
		140	110	240	55
		Petition to revive - unavoidable			
		141	1,300	241	650
		Petition to revive - unintentional			
		142	1,300	242	650
		Utility issue fee (or reissue)			
		143	470	243	235
		Design issue fee			
		144	630	244	315
		Plant issue fee			
		122	130	122	130
		Petitions to the Commissioner			
		123	50	123	50
		Processing fee under 37 CFR 1.17(q)			
		126	180	126	180
		Submission of Information Disclosure Stmt			
		581	40	581	40
		Recording each patent assignment per property (times number of properties)			
		146	750	246	375
		Filing a submission after final rejection (37 CFR § 1.129(a))			
		149	750	249	375
		For each additional invention to be examined (37 CFR § 1.129(b))			
		179	750	279	375
		Request for Continued Examination (RCE)			
		169	900	169	900
		Request for expedited examination of a design application			
		Other fee (specify)			
		*Reduced by Basic Filing Fee Paid			
		<b>SUBTOTAL (3)</b>		(\$) <b>110.00</b>	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Mathew E. Corr	Registration No. (Attorney/Agent)	45,434
Signature		Telephone	(414) 225-9755
		Date	6/4/03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Kiyotaka Tsukada et al. Art Unit: 2827  
Serial No. 09/720,953 Examiner: Jeremy C. Norris  
Filed: February 13, 2001  
For: *Printed Circuit Board and Method of Manufacturing the Same*  
Attorney Docket: 232.001 Confirmation No.: 9007

LETTER TO THE OFFICIAL DRAFTSPERSON

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith one sheet of formal drawings in which the label "Prior Art" has been added to Figs. 4(a), 4(b) and 4(x) as proposed in the drawing corrections filed with a Preliminary Amendment on January 3, 2001. These corrections were indicated as being approved by the Examiner in the *Office Action Summary*, Part of Paper No. 12, mailed February 13, 2003.

Respectfully submitted,

Mathew E. Corr  
Registration No. 45,434

Date: *June 4, 2003*

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